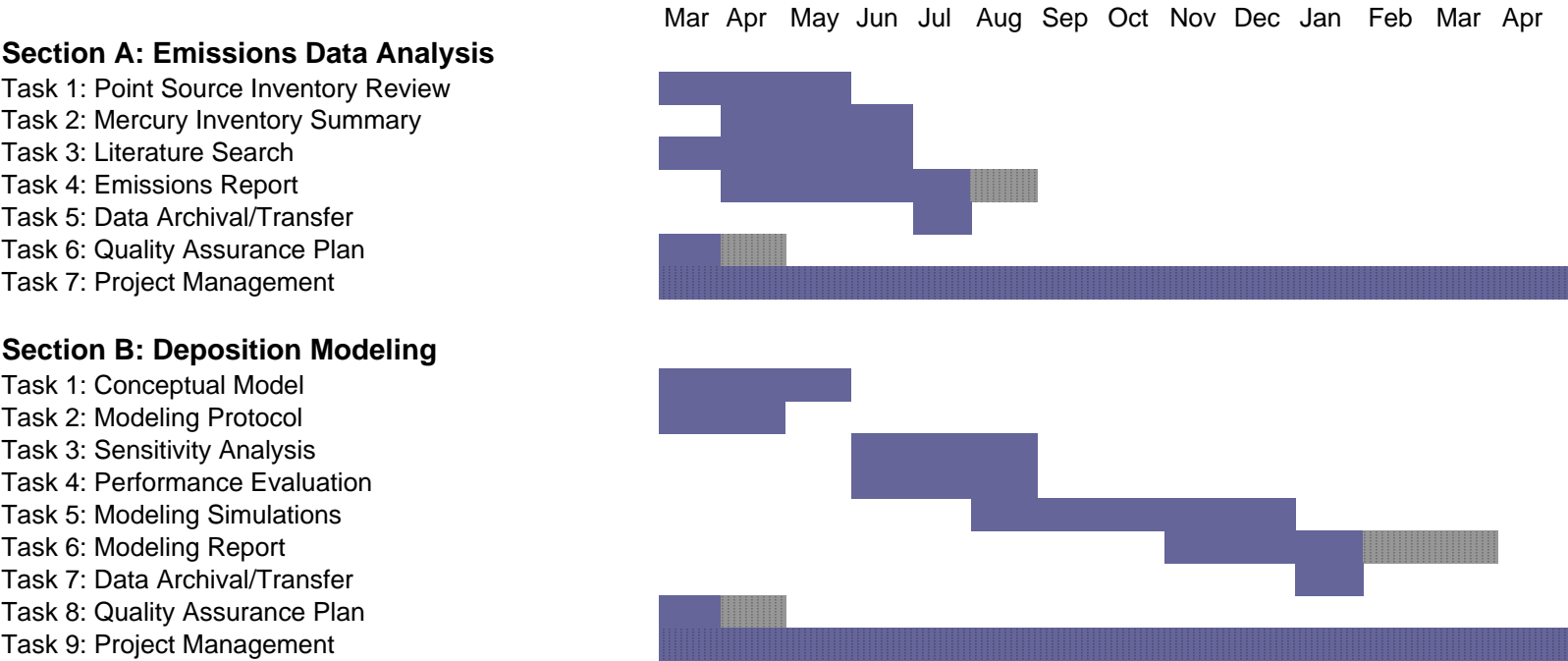


Summary Schedule for the Virginia Mercury Study



## Section A: Emissions Data Analysis

Task/Action Item or Deliverable	Expected Completion Date	Completed?
<b>Task 1: Point Source Inventory Review</b>		
Acquire VA point-source emissions data from VDEQ	2/21/2007	✓
Select national-scale inventory	3/15/2007	
Review & summarize emissions data	4/30/2007	
<b>Task 2: Mercury Inventory Summary</b>		
Update VA emissions	5/15/2007	
Summarize base-year emissions for modeling	5/15/2007	
Prepare future-year emission estimates	6/15/2007	
Summarize reductions/compare with other states	6/15/2007	
Prepare draft memorandum	6/30/2007	
<b>Task 3: Literature Search</b>		
Conduct literature review	6/15/2007	
Prepare draft memorandum	6/15/2007	
<b>Task 4: Emissions Report</b>		
Prepare draft emissions data analysis report	7/15/2007	
Prepare final emissions data analysis report	2 weeks following VDEQ review	
<b>Task 5: Data Archival/Transfer</b>		
Transfer inventory files to VDEQ	7/31/2007	
<b>Task 6: Quality Assurance Plan</b>		
Prepare draft quality assurance plan	3/31/2007	
Prepare final quality assurance plan	2 weeks following VDEQ review	
<b>Task 7: Project Management</b>		
Prepare monthly progress reports	Monthly	
Participate in bi-weekly conference calls	Bi-weekly, as scheduled	
Conduct 1st technical meeting	~ 5/15/2007	

## Section B: Deposition Modeling

Task/Action Item or Deliverable	Expected Completion Date	Completed?
<b>Task 1: Conceptual Modeling</b>		
Assemble & review data	4/15/2007	
CART analysis	5/15/2007	
Review existing modeling results	5/15/2007	
Develop/document conceptual model	5/31/2007	
<b>Task 2: Modeling Protocol</b>		
Address/finalize key decisions	3/15/2007	
Prepare draft modeling protocol	4/15/2007	
<b>Task 3: Sensitivity Analysis</b>		
Set up CMAQ modeling platform & databases	6/15/2007	
Set up AERMOD modeling platform & databases	6/15/2007	
CMAQ sensitivity simulations	8/15/2007	
AERMOD sensitivity analysis	8/15/2007	
Prepare draft report on sensitivity analysis	8/31/2007	
<b>Task 4: Performance Evaluation</b>		
Prepare estimated data	6/15/2007	
Evaluate model performance	8/15/2007	
Prepare draft report on model performance	8/31/2007	
<b>Task 5: Modeling Simulations</b>		
Prepare future-year emission inventories	9/15/2007	
Conduct baseline CMAQ PPTM simulations	10/31/2007	
Conduct baseline AERMOD modeling	10/31/2007	
Summarize contribution results	10/31/2007	
Conduct future-year CMAQ PPTM simulations	12/15/2007	
Conduct future-year AERMOD modeling	12/15/2007	
Display & analyze modeling results	12/31/2007	
<b>Task 6: Modeling Report</b>		
Prepare draft mercury deposition modeling report	1/31/2008	
Prepare final mercury deposition modeling report	2 weeks following VDEQ review	
<b>Task 7: Data Archival/Transfer</b>		
Transfer modeling files to VDEQ	1/31/2008	
<b>Task 8: Quality Assurance Plan</b>		
Prepare draft quality assurance plan	3/31/2007	
Prepare final quality assurance plan	2 weeks following VDEQ review	
<b>Task 9: Project Management</b>		
Prepare monthly progress reports	Monthly	
Participate in bi-weekly conference calls	Bi-weekly, as scheduled	
Conduct 2nd technical meeting	~ 8/15/2007	
Conduct 3rd technical meetin	~ 11/15/2007	
Conduct 4th technical meeting	~ 2/15/2008	